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FIG. 1

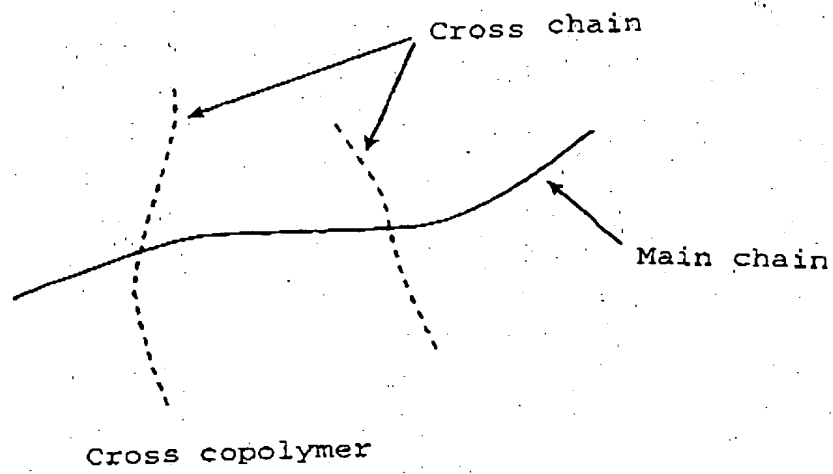


FIG. 2

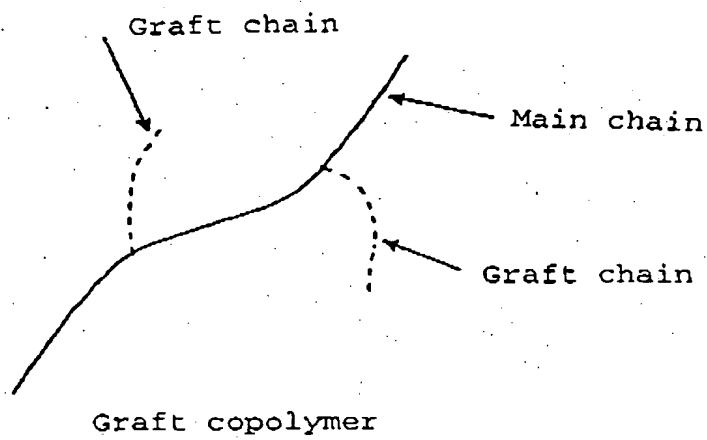
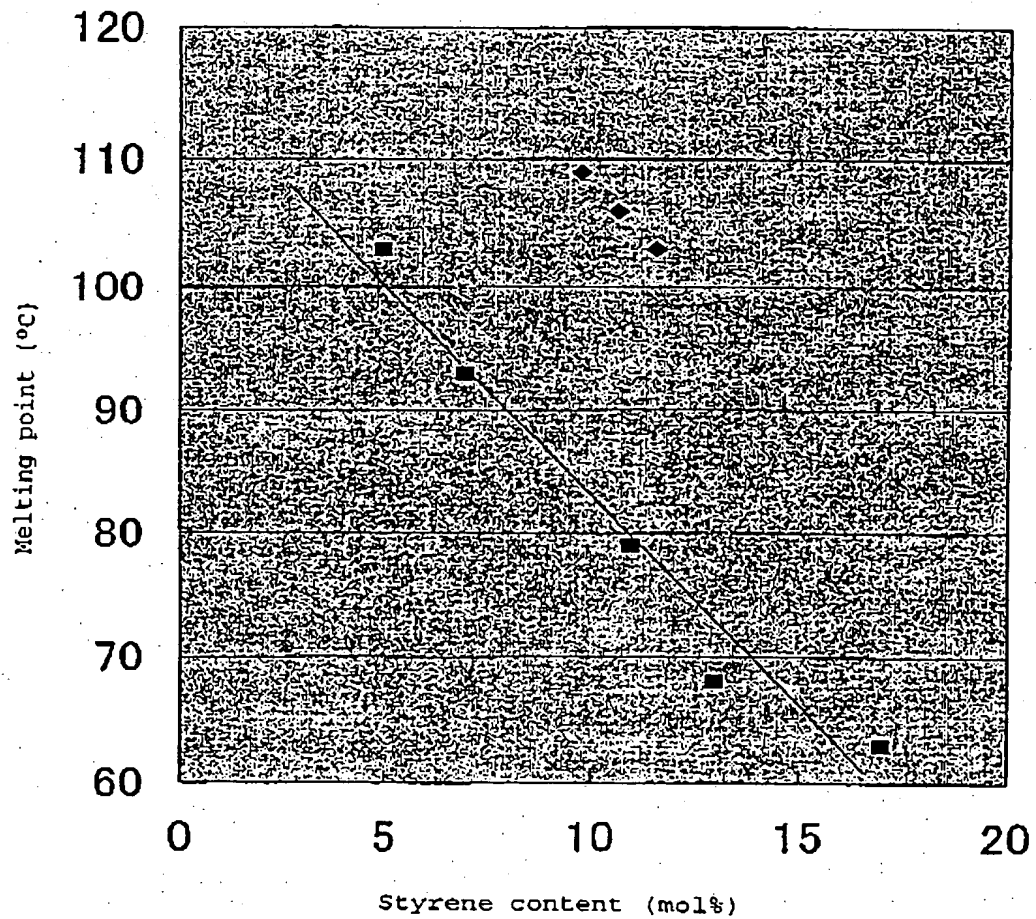


FIG. 3

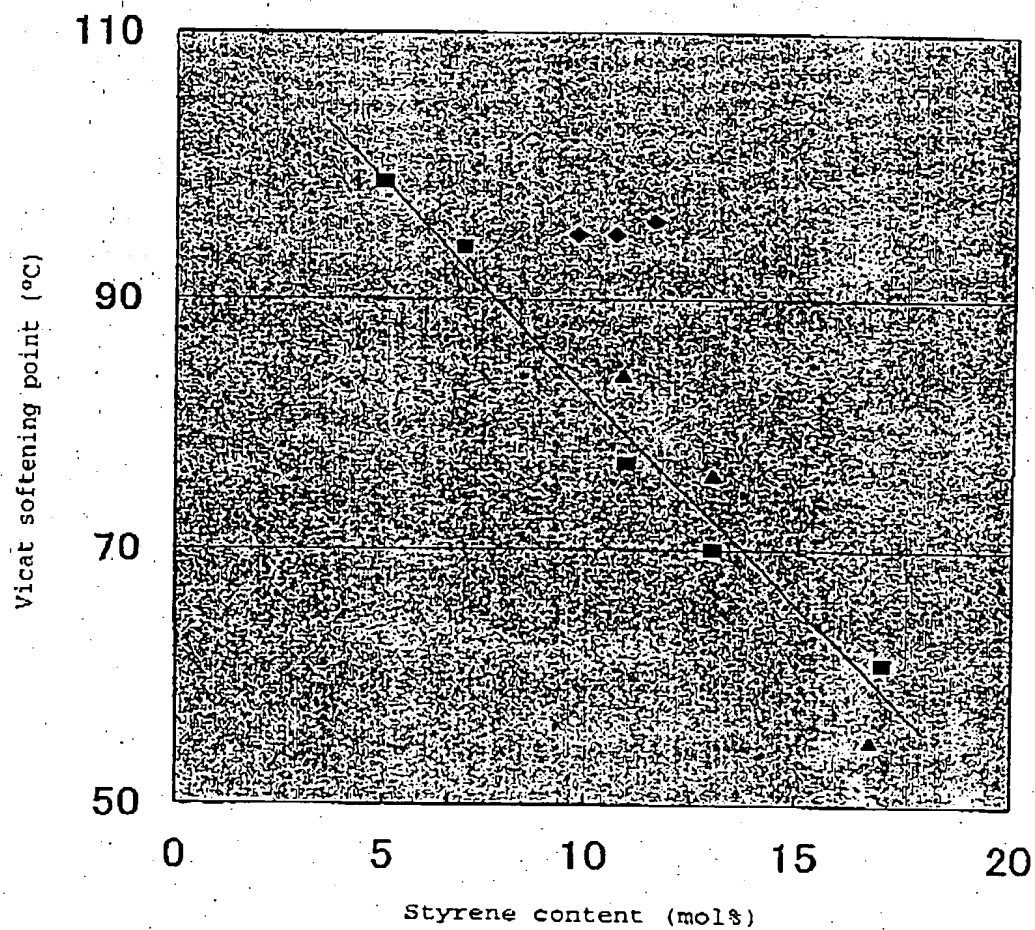
Relation between styrene content and melting point



- ◆ Cross-copolymer (Example)
- Ethylene/styrene copolymer (Comparative Example)

FIG. 4

Relation between styrene content and Vicat softening point



- ◆ Cross-copolymer (Example)
- Ethylene/styrene copolymer (Comparative Example)
- ▲ Ethylene/styrene copolymer blend (Comparative Example)

FIG. 5

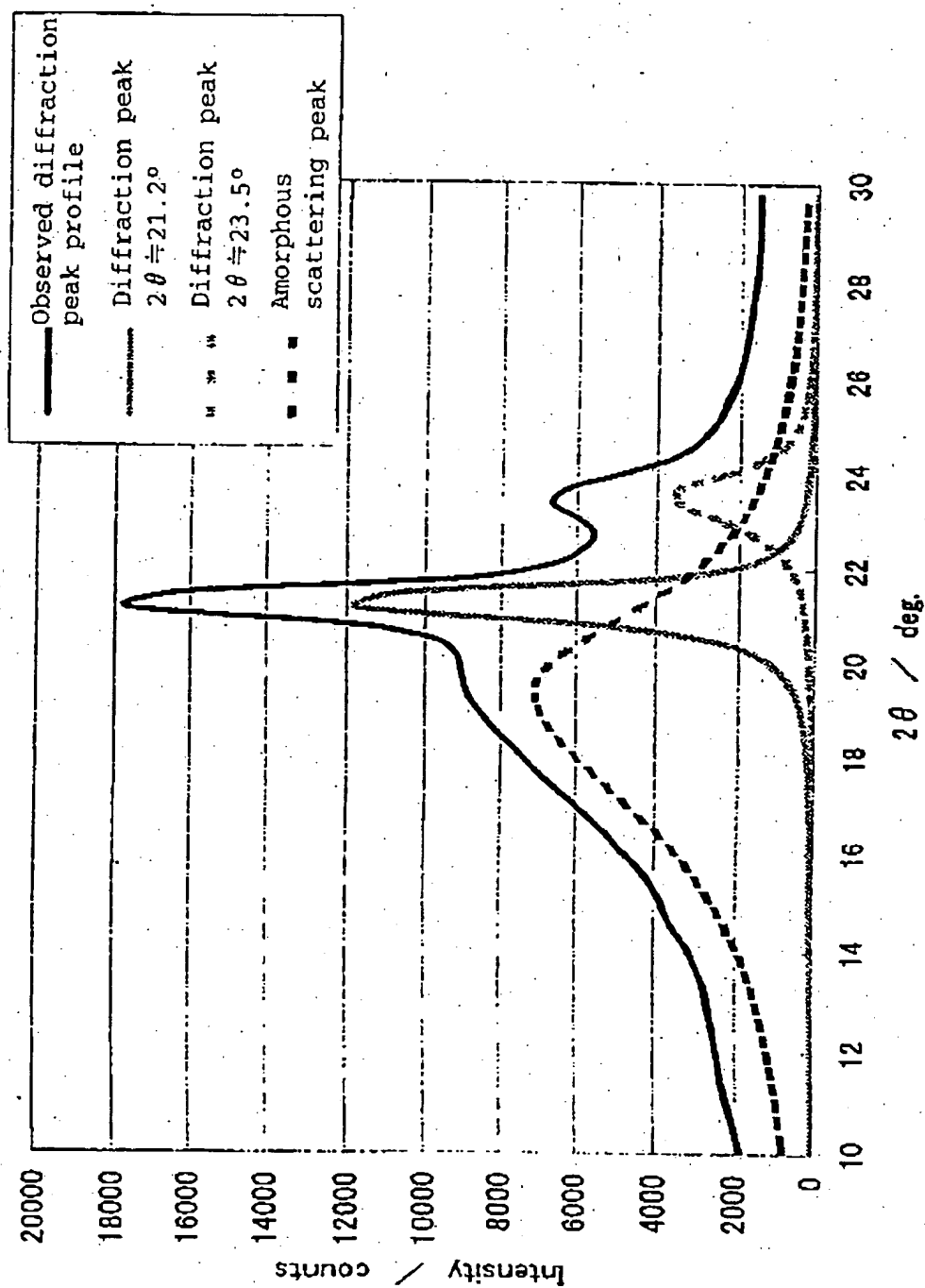


FIG. 6

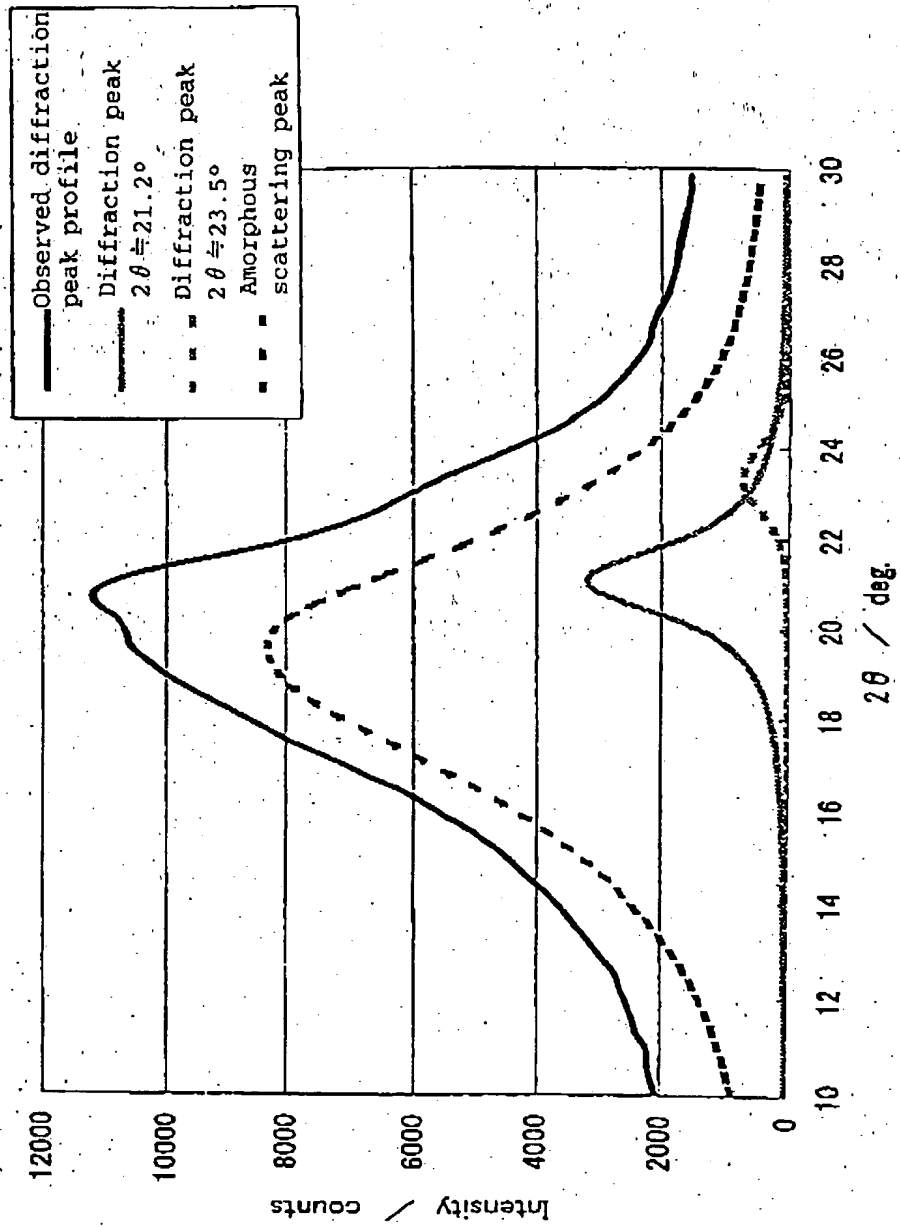


FIG. 7

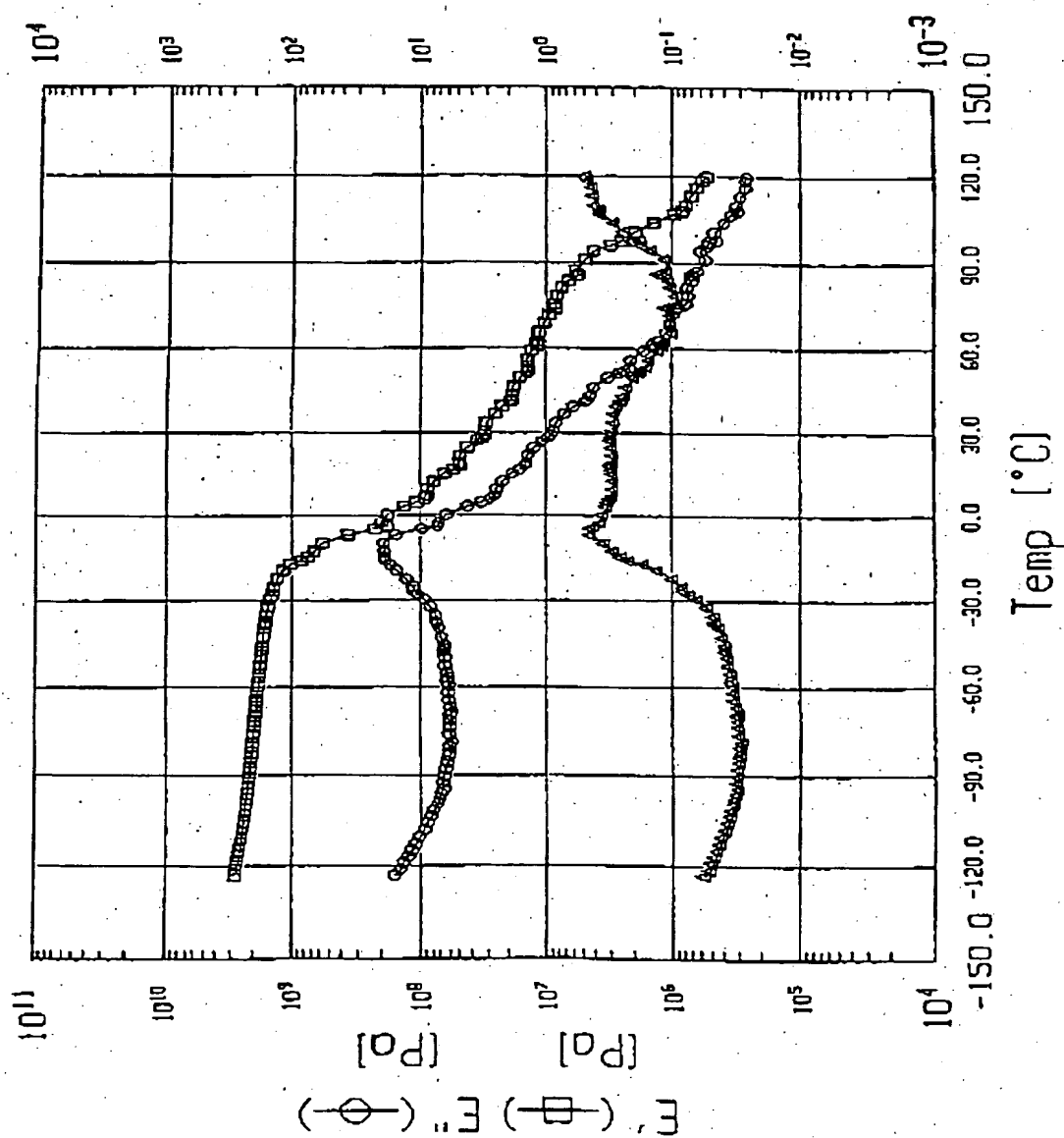
 $\tan(\delta)$ (Δ)

FIG. 8

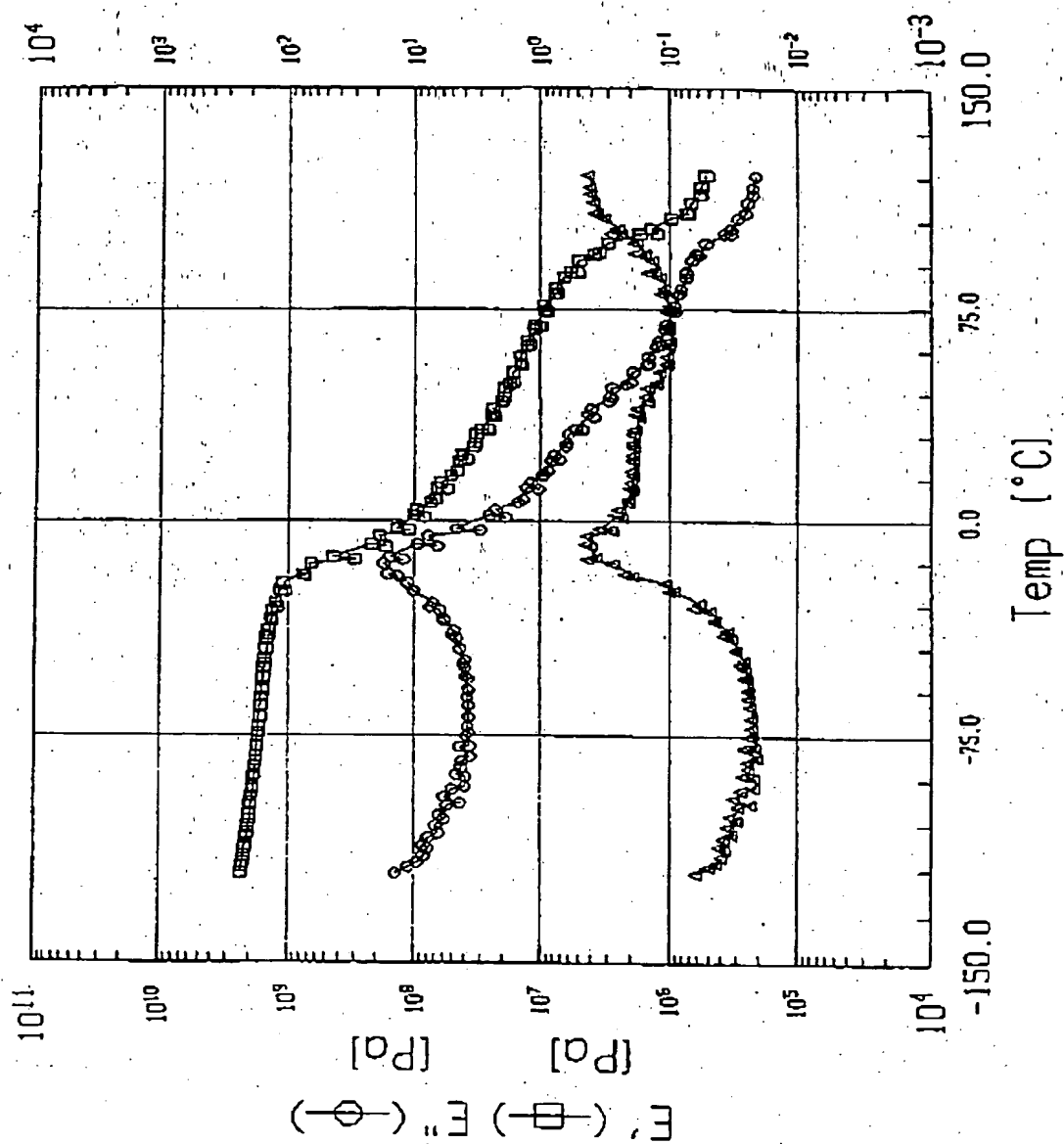
 $\tan(\delta)$ (\triangle)

FIG. 9

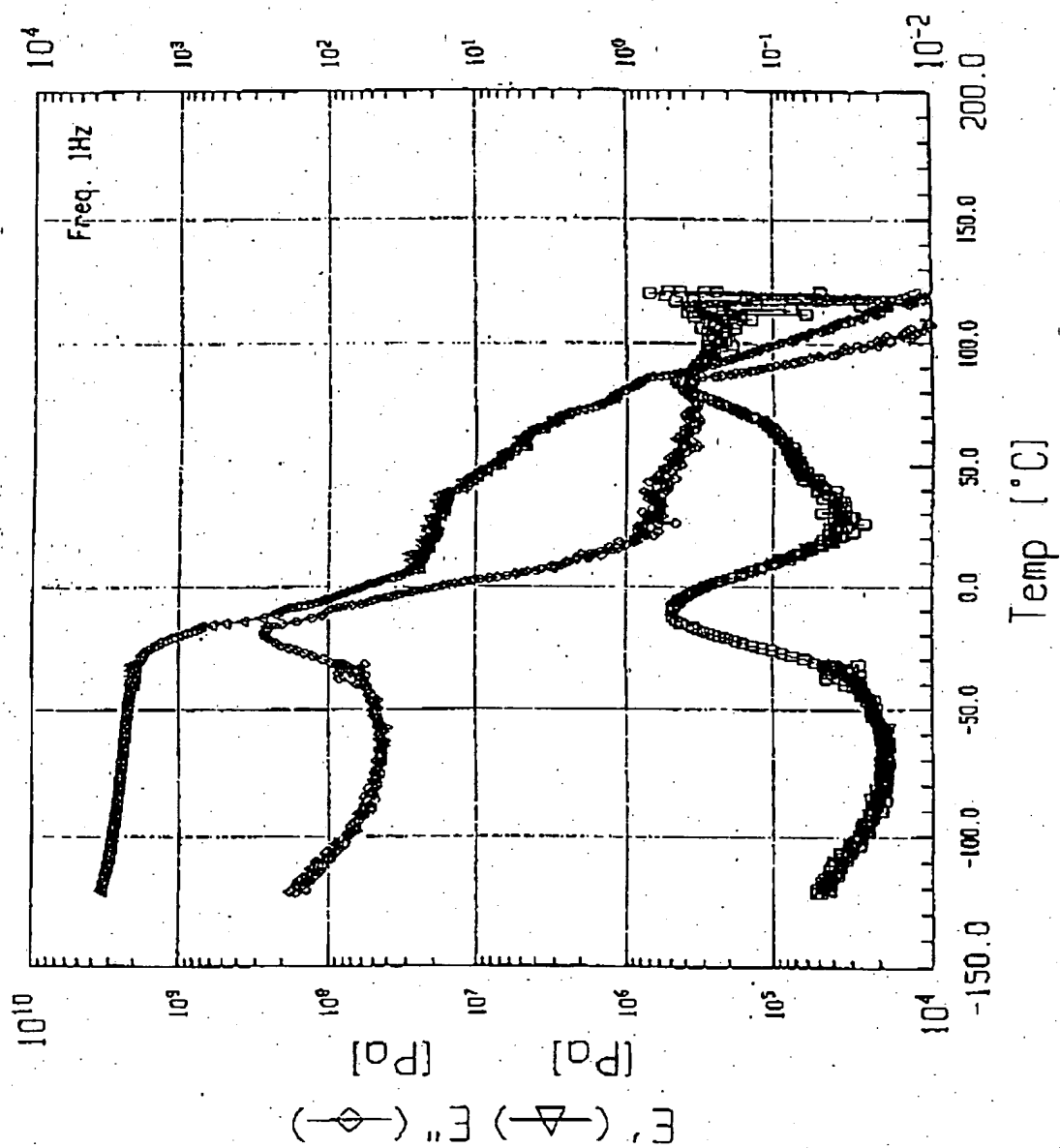
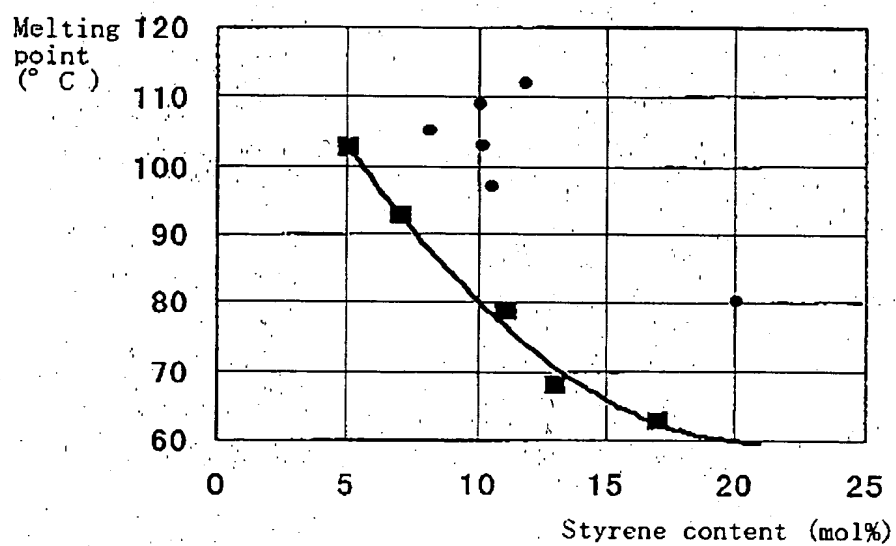
 $\tan(\delta)$ (\square)

FIG. 10

Relation between composition and melting point



• Examples

■ Comparative Examples Et-St copolymer

— Polynomial (Comparative Example Et-St copolymer)

FIG. 11

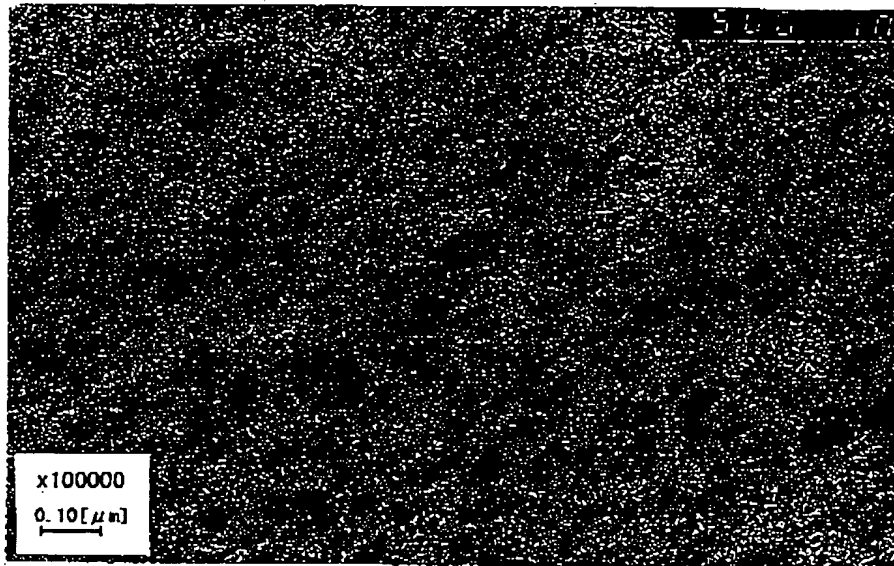


FIG. 12

